



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

## INDEX.

### ORIGINAL ARTICLES.

- SYLLABUS OF LECTURES ON THE PSYCHOLOGY OF PAIN AND PLEASURE. *Benjamin Ives Gilman*. 3.
- THE NEW LIFE : A STUDY OF REGENERATION. *Arthur H. Daniels, B. D.* 61.
- THE LANGUAGE OF CHILDHOOD. *F. Tracy*. 107.
- RHYTHM. *Thaddeus L. Bolton*. 145. (See also pp. 310 and 488.)
- MINOR STUDIES FROM THE PSYCHOLOGICAL LABORATORY OF CORNELL UNIVERSITY. *E. B. Titchener*. 239, 408, 505.
- "MEDIATE" ASSOCIATION. *H. C. Howe, A. B.* 239.
- "SENSORIAL" AND "MUSCULAR" REACTIONS. *A. R. Hill, A. B., and R. Watanabe, Ph. M.* 242.
- TWO POINTS IN REACTION-TIME EXPERIMENTATION. *R. Watanabe, Ph. M.* 408.
- ON THE QUANTITATIVE DETERMINATION OF AN OPTICAL ILLUSION. *H. W. Knox, A. B.* 413.
- SOME APPARATUS FOR CUTANEOUS STIMULATION. (A) *M. F. Washburn, A. M.* 422. (B) *E. W. Scripture and E. B. Titchener*. 424. (Note, 523.)
- TASTE DREAMS. *E. B. Titchener*. 505.
- ON THE QUANTITATIVE DETERMINATION OF AN OPTICAL ILLUSION. *R. Watanabe, Ph. M.* 509.
- THE CUTANEOUS ESTIMATION OF OPEN AND FILLED SPACE. *Prof. C. S. Parrish*. 514.
- AN EXPERIMENTAL STUDY OF SOME OF THE CONDITIONS OF MENTAL ACTIVITY. *John A. Bergström*. 247.
- A NEW ILLUSION FOR TOUCH AND AN EXPLANATION FOR THE ILLUSION OF DISPLACEMENT OF CERTAIN CROSS LINES IN VISION. *F. B. Dresslar*. 274.
- PSYCHIC EFFECTS OF THE WEATHER. *J. S. Lemon*. 277.
- A NEW AND SIMPLE METHOD FOR COMPARING THE PERCEPTION OF RATE OF MOVEMENT IN THE DIRECT AND INDIRECT FIELDS OF VISION. *F. B. Dresslar*. 312.
- STUDIES IN THE PSYCHOLOGY OF TOUCH. *F. B. Dresslar*. 313.
- ON THE DIFFERENCE SENSIBILITY FOR THE VALUATION OF SPACE DISTANCES WITH THE HELP OF ARM MOVEMENTS. *A. E. Segsworth, B. A.* 369.

- ACCURATE WORK IN PSYCHOLOGY. *E. W. Scripture, Ph. D.* 427.
- SOME PSYCHOLOGICAL ILLUSTRATIONS OF THE THEOREMS OF BERNOULLI AND POISSON. *E. W. Scripture, Ph. D.* 431.
- THE RELATION OF THE INTERFERENCE TO THE PRACTICE EFFECT OF AN ASSOCIATION. *John A. Bergström.* 433.
- COMPARATIVE OBSERVATIONS ON THE INDIRECT COLOR RANGE OF CHILDREN, ADULTS, AND ADULTS TRAINED IN COLOR. *Geo. W. A. Luckey.* 489.
- THE DAILY LIFE OF A PROTOZOAN: A STUDY IN COMPARATIVE PSYCHO-PHYSIOLOGY. *C. F. Hodge and Herbert Austin Aikins.* 524.
- MINOR STUDIES FROM THE PSYCHOLOGICAL LABORATORY OF CLARK UNIVERSITY. *Edmund C. Sanford.* 534.
- A STUDY OF INDIVIDUAL PSYCHOLOGY. *Caroline Miles.* 534.
- THE MEMORY AFTER-IMAGE AND ATTENTION. *Arthur H. Daniels, Ph. D.* 558.
- ON THE LEAST OBSERVABLE INTERVAL BETWEEN STIMULI ADDRESSED TO DISPARATE SENSES AND TO DIFFERENT ORGANS OF THE SAME SENSE. *Alice J. Hamlin.* 564.
- NOTES ON NEW APPARATUS. *Edmund C. Sanford.* 575.
- ON THE WORDS FOR "ANGER" IN CERTAIN LANGUAGES; A STUDY IN LINGUISTIC PSYCHOLOGY. *A. F. Chamberlain, Ph. D.* 585.
- A LABORATORY COURSE IN PHYSIOLOGICAL PSYCHOLOGY. (*Fifth Paper.*) *Edmund C. Sanford.* 593.
- PROCEEDINGS OF THE AMERICAN PSYCHOLOGICAL ASSOCIATION. *Third Annual Meeting Held at Princeton University, Princeton, N. J., December 27 and 28, 1894.* 617.

# PSYCHOLOGICAL LITERATURE.

- Abnormal: Amnesia, 475; degenerescence, 472; disturbances of speech, 475; double consciousness, 623; hypnotic treatment for neurasthenia, 476; Hückel's text-book of nervous diseases, 475; instruction of the deaf, 457; multiplex personality, 470. See also Fatigue, Hypnotism and Pathological.
- Anthropological Psychology, 280-288, 453-460, 641-648; African fetishism, 641, races, 641; anthropometry and economics, 285; blood-rites, 282; calendar of Central America and Mexico, 456; early spread of religious ideas, 458; ethics of tribal society, 282; ethnology, 281; Indian, anthropology of, 643, half-blood, 642, music, 283-285, sense of taste in, 282; language, 453-457; Mayan hieroglyphics, 644; migration and food-quest, 642; musical sensitiveness of school-children, 303; origin of the family, 460, of sacred numbers, 644; primitive medicine, 458; primitive music, 459; psychology of women, 646; Russian music, 287; Sprockhoff's anthropology, 643; suicide among primitive peoples, 641; technogeography, 642.

- Attention, and apperception, 650, and reaction-times, 301.
- Comparative psychology, 142, 294 and 620 ; speech of animals, 457.  
See also Educational (children) and Anthropological.
- Criminology : Regicides, 143 ; criminal insane, 471 ; crime and punishment, 471 ; diminished responsibility, 471.
- Educational : Child-language, 453 ; child-study, 280-281 ; children, anthropological study of, 282, musical sensitiveness of, 303, reasoning of, 280, rhythmical speech of, 310 ; Columbian exhibit of games, 281 ; education and ethics, 284, and psychology, 311 ; experimental didactics, 303 ; language teaching, 454 ; national education, 285 ; spelling reform, 456 ; teaching of the deaf, 459.
- Emotion : Æsthetics, 283 ; Marshall's Pleasure, Pain and Æsthetics, 484 ; desire, 626 ; emotion *vs.* pleasure-pain, 628 ; feeling and thought, 652 ; Indian music, 283 and 285 ; laughter, 283 ; physiology of emotion, 625 ; primitive music, 459 ; Russian folk songs, 287 ; social feelings, 283. See also Pain.
- Ethical : Ethical movement in Germany, 141 ; ethics and education, 284 ; ethics of tribal society, 282 ; evolutionary ethics, 649 ; law, 143 ; moral science (Simmel) 141 ; Nietzsche, 139 ; pursuit of happiness, 281.
- Experimental : Apparatus, 303, rhythm instrument (a correction), 488 ; effect of drugs on psychic processes, 301 ; experimental production of hallucinations and illusions, 628 ; experiments on an optical illusion, 460 ; eye-movements, 466 ; fatigue, 468 ; memory, 299 ; reaction-times, 301 and 303, and pulse-rate, 467 ; stroboscopic experiments, 467 ; visual estimates of length, 465. See also the Senses.
- Fatigue and insanity, 632 ; fatigue of school children, 280 and 468 ; of the visual field, 295 and 475 ; of nerve cells, 447, 637 and 639.
- Hypnotism, 309 and 476 ; double consciousness, 623.
- Language : The language used to domestic animals, 454 ; literature and philology, 454 ; order of words in Anglo-Saxon prose, 454 ; origin of literary forms, 453 ; sentence length in English, 144. See also anthropological.
- Memory, 299 and 308 ; amnesia, 476.
- Miscellaneous : 139-144, 477-485, 648-652 ; L'Année psychologique 653 ; Ascent of Man, 652 ; basal concepts in philosophy, 652 ; colored hearing, 305 ; consciousness of identity, 623 ; conscious relation, 305 ; effect of continuous inbreeding, 640 ; freedom of the will, 622 ; Genetic Philosophy, 309 ; graphology, 648 ; great men, 620 ; imitation, 624 ; inheritance of acquired charac-

teristics, 640 ; judgment, 305 ; Leipzig laboratory, 310 ; Marshall's Pleasure, Pain and Æsthetics, 484 ; MSS. for *Mind*, 488 ; origin of life, 139 ; Prof. Forel of Zürich, 486 ; psychology at the University of Toronto, 631 ; psychology of women, 646, of soldiers, 650 ; pulse-rate and reaction-times, 467 ; reality of self, 653 ; studies from Yale, 303 ; synthesis of mind, 653 ; text-books: Külpe's *Grundriss der Psychologie*, 478, Ladd's *Psychology*, Descriptive and Explanatory, 477, Wundt's *Physiologische Psychologie*, 4th ed., 298 ; unity of consciousness, 619.

**Muscles :** Effect of mental work on muscular power, 468, of sugar and tobacco, 449 ; localization of muscle-sense, 631 ; time of voluntary movements, 303.

**Neurological :** 288-296, 443-453, 632-641 ; brain preservation, 445 ; cerebral exhaustion, 632 ; course of fibres in the spinal cord, 639 ; cutaneous nerves, 292 ; degeneration and regeneration of nerve fibres, 290 ; descending degeneration in brain and spinal cord, 636 ; effect of stimulation and temperature on irritability and conductivity, 446 ; electrical resistance of animal tissues, 293 ; embryology of the nervous system, 448 ; epiphysis, 449 ; histogenesis of the retina, 290 ; histology of the central nervous system, 450, 634 and 639 ; Hückel's text-book of diseases of the nervous system, 475 ; localization, 631, 635 and 636 ; nerve-cell as the basis of neurology, 288, changes in the nerve-cell due to activity, 447, 637 and 639, fatigue and old age of the nerve-cell, 637, structure and connections of nerve-cells, 289 ; nervous impulse, 291 and 293 ; physiology of the labyrinth, 639 ; sympathetic system (pilo-motor nerves), 292 ; trophic action of the nervous system, 451.

**Pain,** (see Senses) ; pleasure and pain, 625-628.

**Pathological :** Brain surgery, 444 ; criminal insane, 471 ; degeneration of style in erotic paranoiacs, 454 ; degenerescence, 472 ; disturbance of intelligence in relation to language, 454 ; diminished responsibility, 471 ; great alienists of France, 474 ; hallucinations of hearing, 143 ; hysterical blindness, 295 ; insanity from over-exertion of the brain, 632 ; medico-legal aspects, 472 ; pathology 450, treatment and prophylaxis, 449 ; Magnan on psychiatry, 473 ; neuritis and tabes, 634 ; paranoia, 474 ; psychiatric teaching, 473. See also Abnormal and Neurological.

**Psychogenesis,** 620 ; see also Educational (children).

**Rhythm,** 310 ; imitation of, 624.

**Senses :** Hearing, 280 ; music, 283, 285, 287 and 303 ; physiology of the labyrinth, 639. Muscular sense and its location, 631. Pain,

292, 621, 625, 626 and 629, and temperature sensations, 649 ; Taste, 282. Touch, 469. Vision : anatomy, 290 and 293 ; color, 296-298 ; defective, 295 ; visual estimates of length, 465 ; eye-movements for binocular vision, 466 ; illusions, 460 and 628 ; monocular accommodation times, 303 ; normal night-blindness of the fovea, 630 ; stroboscopic experiments, 467.

Social : Degenerescence, 472 ; emancipation of women, 648 ; liberty and laughter, 283 ; Nietzsche, 139 ; public and private charity, 284 and 285 ; psychology and economics, 284. See also Educational.

## II.—NAMES OF AUTHORS.

The names of those who have contributed original matter are printed in SMALL CAPITALS.

- |   |   |
|---|---|
| Achelis, T., 281.   | Cajal, Ramon y, 450.                                      |
| Adler, Felix, 141.  | Carruth, W. H., 454.                                      |
| Aikins, H. Austin, 309, 653.                              | Cattell, J. McK., 617, 620.                               |
| AIKINS, H. AUSTIN, and HODGE, C. F., 524.                 | CHAMBERLAIN, A. F., 139, 280, 453, 476, 640, 641 and 648. |
| Alix, E., 142.  | Charcot, J. M., 476.                                      |
| Alt, K., and Schmidt, 293.                                | Chievitz, J. H., 293.                                     |
| ANGELL, J. R., 476.                                       | Chrisman, O., 280, 453.                                   |
| Auerbach, 461.  | Chrysostom, Brother, 622.                                 |
| d'Avert, Franck, 285.                                     | Clark, John, 457.   |
| Bailey, E. H. S., 282.                                    | Courmelles, L. de Foveau de, 142.                         |
| Baldwin, J. M., 457.                                      | Courtney, 653.  |
| Bartels, Max, 458.  | Culin, S., 281.   |
| Bell, Alexander M., 457.                                  | Dana, C. L., 144.   |
| BERGSTRÖM, JOHN A., 247, 299, 301, 307, 308, 433 and 468. | DANIELS, ARTHUR H., 61, 558.                              |
| Bernheim, 295.  | Delbœuf, 460.   |
| Bidon, H., 476.   | Descourtis, G., 143.                                      |
| Van Biervliet, J. J., 308, 467.                           | Dogiel, A. S., 289.                                       |
| Bloomfield, M., 455.                                      | Donaldson, Henry H., 445.                                 |
| Boas, Franz, 642, 643.                                    | Dorsey, J. Owen, and Hewitt, J. N. B., 455.               |
| BOLTON, T. L., 144, 145.                                  | DRESSLAR, CORNELIA W., 285, 287.                          |
| Bos, Ritzema, 640.  | DRESSLAR, F. B., 274, 303, 305, 312 and 313.              |
| Boyce, Robert, 636.                                       | DREW, FRANK, 458.   |
| Brentano, 460, 461.                                       | Drummond, Henry, 652.                                     |
| Brinton, D. G., 281, 453, 456 and 644.                    | Echard, C., 451.  |
| Brown, H. W., 280.  | Edes, E. R., 291.   |
| Brunot, 460.  | Edinger, L., 634.   |
| Budgett, S. P., Howell, W. H., and Leonard, Ed., 446.     | Engel, Gustav, 648.                                       |

- Edkins, Joseph, 458.  
 Eisner, Kurt, 139.  
 Emerson, O. F., 454.  
 Evans, E. P., 282, 457.  
 Ewald, J. R., 639.
- Ferrari, G. C., 454.  
 Fillmore, J. C., 285, 287.  
 Findlay, J. J., 454.  
 Fisher, R., 465.  
 Fish, Pierre A., 445.  
 Flechsig, P., 635.  
 Fletcher, Alice C., 283, 285.  
 Ford, 653.  
 Forel, 483.  
 Fouillée, Alfred, 646.  
 Fraenkel, M. O., 454.  
 Franklin, Christine L., 298, 630.
- Galton, Francis, and Grüber, Edouard, 305.  
 Gaule, J., 451.  
 Geiser, Karl, 285.  
 GILMAN, BENJ. IVES, 3.  
 Girod, L. de Paul, 142.  
 Godfernaux, André, 652.  
 Golgi, Camillo, 634.  
 Goltz, F., 291.  
 Goodall, Edwin, 639.  
 Graefe, Alfred, 466.  
 Greene, H. E., 455.  
 Griffing, Harold, 629.  
 Grüber, Edouard, 297.  
 Grüber, Edouard, and Galton Francis, 305.  
 Grützner, 467.
- HAMLIN, ALICE J., 564.  
 Harley, Vaughan, 449.  
 Harmon, A., 650.  
 Harris, W. T., 284.  
 Hart, E., 309.  
 Head, Henry, 292.  
 Heli, Chatelain, 641.  
 Henri, Victor, 469.  
 Henschen, S. E., 295.  
 Hering, H. E., 451.
- Hewitt, J. N. B., and Dorsey, J. Owen, 455.  
 Hill, A. R., and Watanabe, R., 242.  
 Hill, Charles, 449.  
 Hill, David Jayne, 309.  
 Hoch, J. L. A., 471.  
 HODGE, C. F., 288, 443, 447, 632 and 637.  
 HODGE, C. F., and AIKINS, H. A., 524.  
 Holmes, W. H., 283.  
 Höppner, L., 280.  
 Houssay, Frédéric, 142, 294.  
 HOWE, H. C., 239.  
 Howell, W. H., Budgett, S. P., and Leonard, Ed., 446.  
 Howell, W. H., and Huber, G. C., 290.  
 Hückel, Armand, 475.  
 Hume, J. G., 631.  
 Hyslop, J. H., 465, 466.
- v. Ihering, Rudolph, 143.
- James, William, 619.
- Keller, Robert, 468.  
 KNOX, H. W., 413.  
 König, Wilhelm, 295, 475.  
 Kraepelin, Emil, 301.  
 Külpe, Oswald, 478.
- Ladd, George T., 477, 623.  
 Landmann, S., 470.  
 Langley, J. N., 292.  
 LEMON, J. S., 277.  
 Leonard, Ed., Howell, W. H., and Budgett, S. P., 446.  
 Lebaigue, Ch., 456.  
 Letourneau, C., 453.  
 Lipps, 460.  
 Littleton, L. E., 457.  
 Locy, William A., 448.  
 LUCKEY, GEO. W. A., 489.  
 Luciani, M. Luigi, 139.

- Lyon, H. N., 457.  
 MacDonald, Arthur, 621.  
 Magnan V., 473.  
 Mall, F., 290.  
 Mann, Gustav, 639.  
 March, F. A., 456.  
 Marshall, 484, 628.  
 Marthaler, A., 281.  
 Mason, O. T., 642.  
 Matzke, G. E., 454.  
 Mavor, J., 284.  
 Mead, G. H., 625.  
 Mezes, Sidney E., 627.  
 MILES, CAROLINE, 534.  
 Miller, D. S., 626.  
 Mills, T. Wesley, 620.  
 Mott, F. W., 444.  
 Müller and Schumann, 299.  
 Müller-Lyer, 460.  
  
 Newbold, W. Romaine, 628.  
 Nordau, Max, 472.  
  
 Obersteiner, H., 309.  
 Oppenheimer, Z., 649.  
 Ormond, Alex. T., 653.  
  
 PACE, E., 310.  
 PARRISH, C. S., 514.  
 PATRICK, MARY MILLS, 486.  
 Perijon, A., 283.  
 Proal, Louis, 471.  
 Prout, T. P., 450.  
 Punton, John, 449.  
  
 Régis, E., 143.  
 Reh, 640.  
 Renard, A., 456.  
 Roberts, C., 285.  
 Rood, O. N., 296, 297.  
 Rosenbaum, Emanuel, 307.  
 Ross, C. H., 455.  
 Royce, Josiah, 624.  
 Russell, E. Harlow, 280.  
  
 SANFORD, E. C., 296, 297, 298, 460,  
     534, 575, 593 and 620.  
 Schäfer, A. E., 288.  
 Schmidt and Alt, K., 293.  
 Schrader, E., 305.  
  
 von Schrenck-Nötzing, F., 476.  
 Schumann, F., and Müller, G. E.,  
     299.  
 SCRIPTURE, E. W., 303, 427, 431.  
 SEGSWORTH, A. E., 369, 469.  
 Semelaigne, René, 474.  
 Sergi, Giuseppe, 282, 646.  
 Sherman, L. A., 144.  
 Shinn, M. W., 280.  
 Simmel, Geo., 141.  
 Smith, C. A., 454.  
 Sorenson, A. D., 449.  
 Sprockhoff, A., 643.  
 Starr, M. Allen, 443, 631.  
 Steinmetz, S. R., 641.  
 STEWARDSON, CLARA H., 139,  
     141 and 648.  
 Stout, G. F., 652.  
 Strack, H. L., 282.  
 Strong, Charles A., 625.  
 Stucchi, Giuseppe, 476, 648.  
  
 Tarde, G., 283.  
 Teichmüller, Gustav, 648.  
 Tenicheff, W., 142.  
 TITCHENER, E. B., 239, 305, 408,  
     478 and 505.  
 TRACY, F., 107.  
 Treitel, Leopold, 475.  
 Tuke, J. Batty, 632.  
  
 Venn, J., 280.  
 Victor, W., 454.  
 Vigny, Paul, 471.  
 Villiger, E., 639.  
  
 von Wagner, 460.  
 Wallaschek, R., 459.  
 Ward, L. F., 284.  
 WASHBURN, M. F., 422.  
 WATANABE, R., 408, 509.  
 WATANABE, R., and HILL, A. R.,  
     242.  
 Wendt, Ferd. Maria, 646.  
 Werner, C., 474.  
 Williams, C. M., 649.  
 Williams, J. W. Hume, 472.  
 Winkles, C., 473.  
 Wundt, Wilhelm, 298.